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(FILE 'HOME' ENTERED AT 16:27:52 ON 06 MAR 2003)

FILE 'REGISTRY' ENTERED AT 16:27:57 ON 06 MAR 2003

FILE 'CAOLD, CAPLUS, CASREACT, CROPU, DGENE, DPCI, ENCOMPPAT, ENCOMPPAT2, EUROPATFULL, IFIPAT, INPADOC, JAPIO, PAPERCHEM2, PATDD, PATDPA, PATOSDE, PATOSEP, PATOSWO, PCTFULL, PIRA, RAPRA, SYNTHLINE, TULSA, TULSA2, USPATFULL, USPAT2, WPIDS' ENTERED AT 16:28:51 ON 06 MAR 2003

FILE 'REGISTRY' ENTERED AT 16:30:30 ON 06 MAR 2003

L1 1 SEA ABB=ON PLU=ON 72506-70-8/RN

FILE 'CAOLD, CAPLUS, CASREACT, CROPU, DGENE, DPCI, ENCOMPPAT, ENCOMPPAT2, EUROPATFULL, IFIPAT, INPADOC, JAPIO, PAPERCHEM2, PATDD, PATDPA, PATOSDE, PATOSEP, PATOSWO, PCTFULL, PIRA, RAPRA, SYNTHLINE, TULSA, TULSA2, USPATFULL, USPAT2, WPIDS' ENTERED AT 16:31:01 ON 06 MAR 2003

FILE 'REGISTRY' ENTERED AT 16:31:08 ON 06 MAR 2003

SET SMARTSELECT ON

L2 SEL PLU=ON L1 1- CHEM : 5 TERMS

SET SMARTSELECT OFF

FILE 'CAOLD, CAPLUS, CASREACT, CROPU, DGENE, DPCI, ENCOMPPAT, ENCOMPPAT2, EUROPATFULL, IFIPAT, INPADOC, JAPIO, PAPERCHEM2, PATDD, PATDPA, PATOSDE, PATOSEP, PATOSWO, PCTFULL, PIRA, RAPRA, SYNTHLINE, TULSA, TULSA2, USPATFULL, USPAT2, WPIDS' ENTERED AT 16:31:10 ON 06 MAR 2003

L3 21 SEA ABB=ON PLU=ON L2

L4 1 SEA ABB=ON PLU=ON L3 (L) (CORYNEBACTERIA OR CORYNEBACTERIA
GLUTAMICUM OR (BACTERIA (L) CORYNEFORM))

L5 0 SEA ABB=ON PLU=ON L4 (L) (DNA OR CDNA OR NUCLEIC ACID OR
POLYNUCLEOTIDE)

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L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:240996 CAPLUS

DOCUMENT NUMBER: 136:258366

TITLE: Coryneform bacteria menE gene encoding
o-succinylbenzoic acid coA ligase and a method for
fermentative preparation of amino acids in bacteria in
which the menE gene is attenuated

INVENTOR(S): Farwick, Mike; Huthmacher, Klaus; Pfefferle, Walter;
Marx, Achim

PATENT ASSIGNEE(S): Degussa A.-G., Germany

SOURCE: PCT Int. Appl., 43 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002024937	A1	20020328	WO 2001-EP9221	20010809

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,
RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ,
VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

DE 10112106	A1	20020328	DE 2001-10112106	20010314
US 2002102663	A1	20020801	US 2001-834722	20010416
AU 2001079811	A5	20020402	AU 2001-79811	20010809

PRIORITY APPLN. INFO.:

DE 2000-10046624	A	20000920
DE 2001-10112106	A	20010314
WO 2001-EP9221	W	20010809

AB The invention relates to Corynebacterium glutamicum menE gene encoding
o-succinylbenzoic acid coA ligase. The invention also relates to
integration mutagenesis of the menE gene in Coryneform bacteria strain DSM
5715 and uses of the strain for fermn. of amino acid. The invention also
relates to other genes encoding enzyme or protein involved in fermn. of
amino acid in bacteria. The invention also relates to process for the
fermentative prepn. of L-amino acids using coryneform bacteria in which at
least the menE gene coding for an O-succinylbenzoic acid COA ligase is
present in attenuated form.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s 72506-70-8/rn
L1 1 72506-70-8/RN

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L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2003 ACS
RN 72506-70-8 REGISTRY
CN Synthetase, o-succinylbenzoyl coenzyme A (9CI) (CA INDEX NAME)
OTHER NAMES:
CN E.C. 6.2.1.26
CN o-Succinylbenzoate-CoA ligase
CN o-Succinylbenzoyl-coenzyme A synthetase
CN Succinylbenzoyl-CoA synthetase
MF Unspecified
CI MAN
LC STN Files: BIOSIS, CA, CAPLUS, TOXCENTER, USPATFULL

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
17 REFERENCES IN FILE CA (1962 TO DATE)
17 REFERENCES IN FILE CAPLUS (1962 TO DATE)

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(FILE 'HOME' ENTERED AT 16:05:27 ON 06 MAR 2003)

FILE 'REGISTRY' ENTERED AT 16:05:38 ON 06 MAR 2003

L1 1 SEA ABB=ON PLU=ON 72506-70-8/RN
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FILE 'HCAPLUS' ENTERED AT 16:11:02 ON 06 MAR 2003

FILE 'REGISTRY' ENTERED AT 16:11:06 ON 06 MAR 2003

L2 SET SMARTSELECT ON
SEL PLU=ON L1 1- CHEM : 5 TERMS
SET SMARTSELECT OFF

FILE 'HCAPLUS' ENTERED AT 16:11:07 ON 06 MAR 2003

L3 17 SEA ABB=ON PLU=ON L2
L4 1 SEA ABB=ON PLU=ON L3 (L) (CORYNEBACTERIA OR CORYNEBACTERIA
GLUTAMICUM OR (BACTERIA (L) CORYNEFORM))
L5 0 SEA ABB=ON PLU=ON L4 (L) (DNA OR CDNA OR NUCLEIC ACID OR
POLYNUCLEOTIDE)

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L4 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2002:240996 HCAPLUS

DOCUMENT NUMBER: 136:258366

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o-succinylbenzoic acid coA ligase and a method for
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CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

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W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,
RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ,
VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

DE 10112106	A1	20020328	DE 2001-10112106	20010314
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US 2002102663	A1	20020801	US 2001-834722	20010416
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AU 2001079811	A5	20020402	AU 2001-79811	20010809
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PRIORITY APPLN. INFO.:

DE 2000-10046624	A	20000920
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DE 2001-10112106	A	20010314
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WO 2001-EP9221	W	20010809
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REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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(FILE 'HOME' ENTERED AT 16:13:58 ON 06 MAR 2003)

FILE 'REGISTRY' ENTERED AT 16:14:12 ON 06 MAR 2003

L1 1 SEA ABB=ON PLU=ON 72506-70-8/RN

FILE 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, ...' ENTERED AT 16:14:33 ON 06 MAR 2003

FILE 'REGISTRY' ENTERED AT 16:14:43 ON 06 MAR 2003

L2 SET SMARTSELECT ON
SEL PLU=ON L1 1- CHEM : 5 TERMS
SET SMARTSELECT OFF

FILE 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, DRUGNL, DRUGU, DRUGUPDATES, ...' ENTERED AT 16:14:45 ON 06 MAR 2003

L3 69 SEA ABB=ON PLU=ON L2
L4 37 DUP REM L3 (32 DUPLICATES REMOVED)
L5 1 SEA ABB=ON PLU=ON L4 (L) (CORYNEBACTERIA OR CORYNEBACTERIA
GLUTAMICUM OR (BACTERIA (L) CORYNEFORM))